

Title (en)

CONDUCTING POLYMERS FOR COATINGS AND ANTIELECTROSTATIC APPLICATIONS

Title (de)

LEITFÄHIGE POLYMERE FÜR BSCHICHTUNGEN UND ANTIELEKTROSTATISCHE ANWENDUNGEN

Title (fr)

POLYMERES CONDUCTEURS POUR REVETEMENTS ET APPLICATIONS ANTIELECTROSTATIQUES

Publication

**EP 1031160 B1 20040331 (EN)**

Application

**EP 98955203 A 19981029**

Priority

- US 9823032 W 19981029
- US 6376697 P 19971029

Abstract (en)

[origin: WO9922380A1] A processable electrically conductive polymeric complex, the complex comprising a polyelectrolyte having acid functional groups and a conductive polymer selected from the group consisting of polyaniline, polypyrrole, polythiophene or poly(phenylene sulfide), the conductive polymer ionically bound to the polyelectrolyte and wherein the mole ratio of conducting polymer to the acid functional group of the polyelectrode is > 1.

IPC 1-7

**H01B 1/00**; C08G 8/16; C08L 61/04; H01B 1/12

IPC 8 full level

**C08L 65/00** (2006.01); **C08G 81/00** (2006.01); **C08L 79/00** (2006.01); **C08L 101/02** (2006.01); **H01B 1/06** (2006.01); **H01B 1/12** (2006.01)

CPC (source: EP US)

**H01B 1/122** (2013.01 - EP US); **H01B 1/127** (2013.01 - EP US); **H01B 1/128** (2013.01 - EP US)

Cited by

EP1144728A4

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 9922380 A1 19990506**; AT E263416 T1 20040415; CA 2308297 A1 19990506; DE 69822867 D1 20040506; EP 1031160 A1 20000830; EP 1031160 A4 20010523; EP 1031160 B1 20040331; JP 2001521271 A 20011106; US 6656388 B1 20031202

DOCDB simple family (application)

**US 9823032 W 19981029**; AT 98955203 T 19981029; CA 2308297 A 19981029; DE 69822867 T 19981029; EP 98955203 A 19981029; JP 2000518391 A 19981029; US 52983600 A 20001103